

WE CLAIM:

1 1. A motor-vehicle bumper assembly comprising:
2 a horizontally and transversely extending rigid and
3 generally U-shaped rail having a transversely extending inner
4 wall closely juxtaposed in a normal motor-vehicle travel
5 direction with a frame of a motor vehicle, a transversely
6 extending outer wall turned away from the motor-vehicle frame and
7 spaced farther therefrom than the inner wall, and a horizontal
8 wall extending horizontally between edges of the inner and outer
9 walls; and

10 two crush cans spaced transversely apart and each
11 having

12 a first U-section element extending in the
13 direction and having an inner end fixed to
14 the frame and an outer end fixed to the inner
15 rail wall, the first element lying mainly
16 between horizontal planes extending in the
17 direction from upper and lower edges of the
18 inner rail wall;

19 a second U-section element nested with and mostly
20 vertically offset from the respective first
21 element and having an inner end fixed to the
22 frame and an outer end extending
23 longitudinally past the inner rail wall, the
24 second element being mainly vertically offset

25 from a region between the horizontal planes,

26 and

27 an outer mounting plate fixed to the second-

28 element outer end and to the outer rail wall.

1 2. The motor-vehicle bumper assembly defined in claim

2 1 wherein the rail is formed by

3 a downwardly open upper U-profile having a pair of legs
4 forming the inner and outer walls and a bight joining the legs
5 and forming the horizontal wall and

6 another horizontal profile fixed between the legs.

1 3. The motor-vehicle bumper assembly defined in claim

2 2 wherein the lower profile is of U-section and downwardly open.

1 4. The motor-vehicle bumper assembly defined in claim

2 1 wherein each of the mounting plates is provided with a tow
socket.

1 5. The motor-vehicle bumper assembly defined in claim

2 1 wherein the U-section profiles are ribbed.

1 6. The motor-vehicle bumper assembly defined in claim
2 1 wherein the plates are each vertical.

1 7. The motor-vehicle bumper assembly defined in claim
2 1 wherein the U-profiles of each can are open toward each other.

1 8. The motor-vehicle bumper assembly defined in claim
2 1 wherein the first profile of each can is below the respective
3 second profile.